

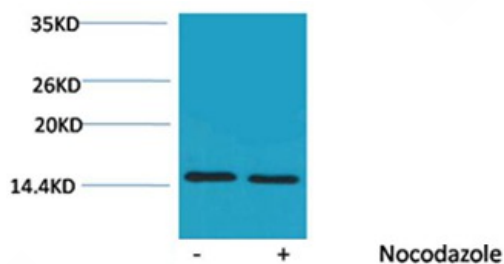
## Anti-Phospho-Histone H4 (Thr80) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 14 kDa.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Applications

Verified Activity: 1. Western blot analysis of extracts from Hela cells, untreated (-) or treated with Nocodazole (1µg/ml, 24 hr; +), using TMAC-01970 diluted at 1:2,000.



Application:	WB
Recommended	WB: 1:1000-2000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of threonine 80(R-K-T(p)-V-T) derived from Human Histone H4
Antigen Species:	Human
Uniprot ID:	P62805
Synonyms:	Histone H4 (p-Thr80);p-Histone H4 (T80);p-Histone H4 (Thr80);Histone H4 (p-T80)

## Research Background

Histone H4 is one of the 5 main histone proteins involved in the structure of chromatin in eukaryotic cells. H4 is a structural component of the nucleosome, and is subject to covalent modification, including acetylation and methylation, which may alter expression of genes located on DNA associated with its parent histone octamer.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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